

XP-002096071

1/1 - (C) WPI / DERWENT  
AN - 88-358682 §50!  
AP - JP870105623 870427  
PR - JP870105623 870427  
TI - Compsn. for carpet-backing such as artificial lawn,  
etc. - consists of copolymer latex component based on  
monomer mixt. and ethylenic unsatd. emulsifier, and  
filler components  
IW - COMPOSITION CARPET BACKING ARTIFICIAL LAWN CONSIST  
COPOLYMER LATEX COMPONENT BASED MONOMER MIXTURE  
ETHYLENIC UNSATURATED EMULSION FILL COMPONENT  
PA - (JAPS ) JAPAN SYNTHETIC RUBBER CO LTD  
PN - JP63270872 A 881108 DW8850 009pp  
ORD - 1988-11-08  
IC - C08F2/24 ; C08F263/04 ; C09J3/12 ; D06M11/00 ;  
D06M13/00 ; D06M15/26  
FS - CPI  
DC - A12 A60 A82 E12 E16 F06 G02  
AB - J63270872 A compsn. contains 100 pts. wt. (A) copolymer  
latex component having gel content, 30-90 wt.% and  
average particle dia., 500-2000 Angstroms and 50-750  
pts. wt. (B) filler component.  
- Latex component (A) was produced by emulsion  
polymerisation of 100 pts. wt. monomer mixt. and 0.1-10  
pts. wt. ethylenic unsatd. emulsifier. The monomer  
mixt. consists of 20-70 pts. wt. aliphatic conjugated  
diene monomer, 0.5-8 pts. wt. ethylenic unsatd.  
carboxylic acid and 22-79.5 wt.% copolymerising  
monomer.  
- The emulsifier is pref. cpd. of formula (I) or  
 $CH_2=C(R_3)-COO(A_0)nSO_3X$  (II). In (I),  $R_1 = 1-22C$  alkyl;  
 $X = Na, K$  or  $NH_4$ ;  $R_2 = H$  or  $CH_3$ ; and  $m =$  integer of  
0-5. In (II),  $A = 1-5C$  alkylene;  $R_3 = H$  or  $CH_3$ ;  $X = Na$ ,  
 $K$  or  $NH_4$ ; and  $n = 1-20$ .  
- USE/ADVANTAGE - The compsn. is useful for artificial  
lawn, etc. which requires water resistance. The  
compsn. has good release strength and good water  
resistant strength.(0/0)

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